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JUN 21 2002

Technology Center

In The Claims:

Please replace the same-numbered existing claims in the application with the following amended claims. Marked-up versions of the claims showing additions underlined and deletions bracketed are attached at Appendix A.

B1

1. (Twice Amended) A method for recognizing voice commands for manipulating data on the Internet, comprising the steps of:

- providing data on a website on the Internet;
- receiving voice signals from a user accessing the website;
- establishing an identity of the user through at least two voice authentication algorithms;
- interpreting the voice signals of the user for determining navigation commands; and
- outputting selected data of the website based on the navigation commands.

B2

7. (Twice Amended) A computer program embodied on a computer readable medium for recognizing voice commands for manipulating data on the Internet, comprising:

- a code segment that provides data on a website on the Internet;
- a code segment that receives voice signals from a user accessing the website;
- a code segment that compares the voice signals from the user with a previously-recorded voice sample to establish an identity of the user, using at least two voice-authentication algorithms;
- a code segment that interprets the voice signals of the user for determining navigation commands; and
- a code segment that outputs selected data of the website based on the navigation commands.

73 13. (Twice Amended) A system for recognizing voice commands for manipulating data on the Internet, comprising:

- logic that provides data on a website on the Internet;
- logic that receives voice signals from a user accessing the website;
- logic that compares the voice signals from the user to previously-stored voice samples of the user to establish an identity of the user, using at least two voice-authentication algorithms;
- logic that interprets the voice signals of the user for determining navigation commands; and
- logic that outputs selected data of the website based on the navigation commands.

74 19. (Amended) A method for recognizing voice commands for manipulating data on the Internet, the method comprising:

- receiving a voice signal from a person cleared for access to the data;
- characterizing the voice signal and storing a plurality of parameters indicative of a voice of the person;
- receiving voice signals from a user desiring access to the data;
- comparing the voice signals to a data base of voice signals for persons cleared for access to the data, using at least two voice-authentication algorithms;
- allowing the user to access the data if the user is included in the database;
- and
- interpreting the voice signals of the user for determining navigation commands.

26. (Amended) A system for accessing and navigating data on the Internet using voice signals, comprising:

B5
a transducer for transducing and transmitting signals indicative of a voice;
a terminal for receiving signals indicative of the voice, the terminal further comprising a receiver, an analog front end, and a codec;
an interface between the terminal and a processor; and
a processor for receiving and processing signals from the transducer and the terminal through the interface,

wherein a user inputs a voice signal to the transducer, access to the data on the Internet is allowed if the voice signal matches a previously-stored voice signal from the user using at least two voice-authentication algorithms, and the system interprets the voice signals of the user for determining navigation commands.

30. (Amended) A computer program embodied on a computer readable medium for recognizing voices and voice commands for accessing and manipulating data on the Internet, the program comprising:

B6
a code segment for receiving and digitizing voice signals from a user;
a code segment for analyzing the voice signals and determining statistical parameters indicative of the voice and voice commands from the user;
a code segment for identifying and storing statistical parameters indicative of a voice signal from a user;
a code segment that interprets voice signals and voice commands of the user for determining an identity of the user using at least two voice-authentication algorithms; and
a code segment for navigating on the Internet.